

DATE: January 31, 2020



FROM: Brent A. Story, PE, State Design Policy Engineer

TO: GDOT Divisions and ACEC/Georgia

SUBJECT: Bentley OpenRoads Designer Connect Edition

Bentley OpenRoads Designer (ORD) Connect Edition replaces MicroStation V8i and InRoads SS2 as the Department's survey, CADD, and civil software. Coordination for workspace development with the State Location Bureau, District Location, and Roadway Design began in early 2018, and we are now ready to implement according to the schedule below.

- Projects with preliminary design started prior to January 1, 2020: Should continue plan development using MicroStation V8i/InRoads SS2 or MicroStation V7/CAiCE. Conversions to ORD are strongly discouraged for projects that have progressed beyond approved Right of Way Plans.
- In-House Designed Projects: Projects starting preliminary design on January 1, 2020 or after will be designed using ORD. For these projects, any existing survey database in InRoads format will need to be converted to ORD format (ORD Field Book) by the District SDE.
- In-House Surveyed Projects: Projects starting survey database on April 1, 2020 or after will be delivered in ORD format. Field survey procedures will remain unchanged. Only survey database processing will be different.
- Consultant Surveyed Projects: All initial survey with NTP after July 1, 2020 will provide deliverables in ORD format (ORD Field Book and associated DGN files).
- Consultant Designed Projects: Effective July 1, 2020, all projects starting preliminary design with a survey database delivered in ORD format will be designed using ORD.

Training for District Survey Data Engineers and select State Location Bureau staff is scheduled to begin in March 2020. Training for Roadway and District Designers receiving ORD projects is scheduled to begin in March 2020 and will continue quarterly as needed.

Survey Guidelines and Design Guidelines will be published in March 2020 along with an updated Electronic Data Guidelines. No tutorial will be published for ORD; instead, workflows that build on top of Bentley documentation will be provided to show how to accomplish GDOT specific tasks (e.g., selections to produce GDOT reports or right-of-way data tables and deeds). These guidelines and workflows will be placed on the Department's website at: <http://www.dot.ga.gov/PS/DesignSoftware/OpenRoads>.

If you have any questions, please feel free to contact Frank Flanders at (404) 631-1978.